

ABSTRACT OF THE DISCLOSURE

5 The optical microscope apparatus comprises  
illuminating means for emitting as illumination light a  
convergent beam converging at a point in a space; a sample  
mounting table for mounting a sample in front of the converging  
point of illumination light; and an objective lens disposed  
such that the illumination light is incident thereon after  
light transmitted through or reflected by the sample is once  
converged at the converging point. The texture and state  
of orientation of the sample can easily be analyzed by use  
of the optical microscope apparatus in accordance with the  
present invention.